**ONE: FIND THE VALUE OF X**

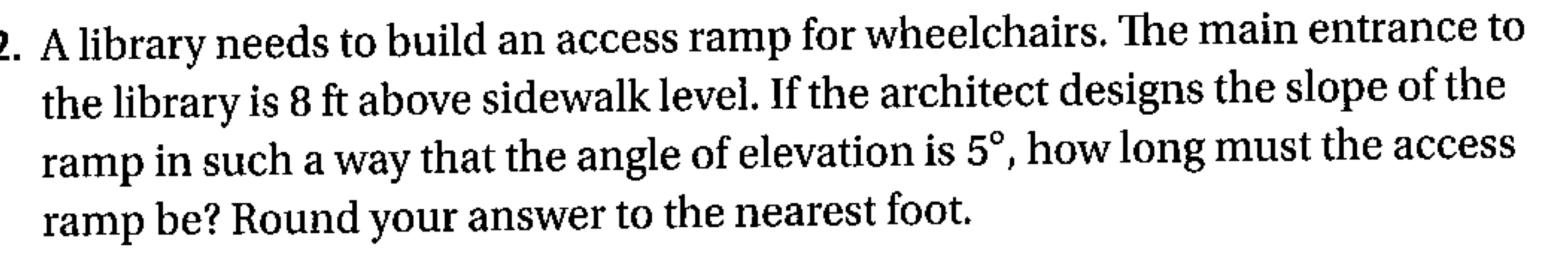


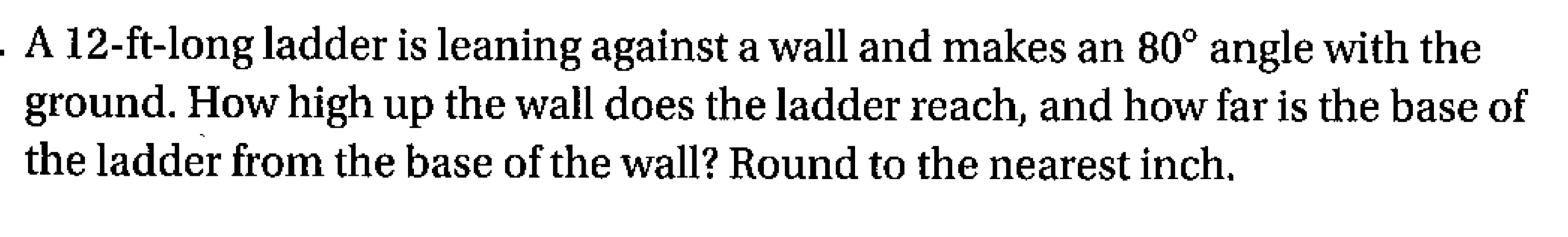


**TWO: FIND THE MISSING ANGLE**

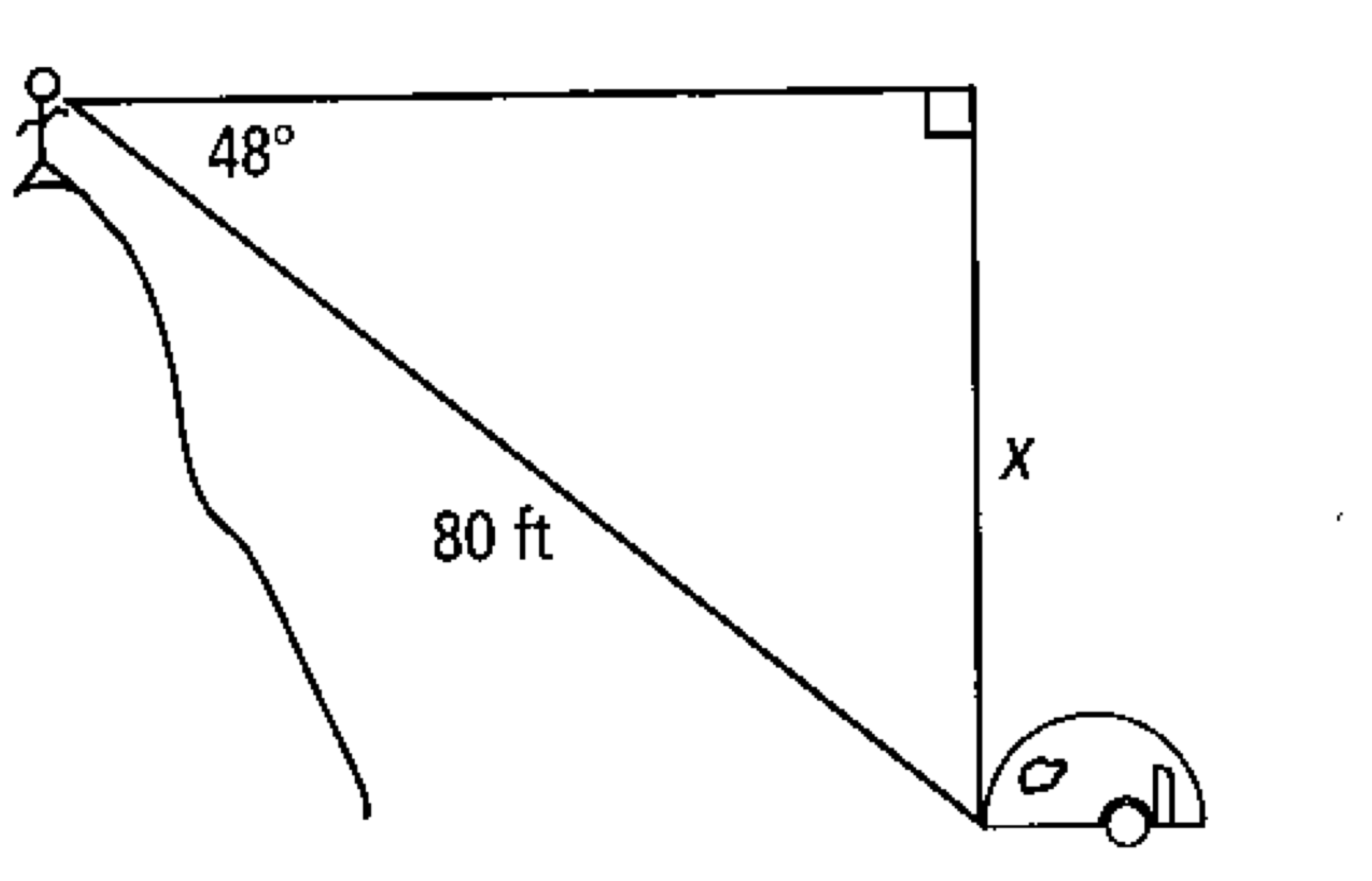


**THREE: DRAW A DIAGRAM AND SOLVE THE WORD PROBLEM**

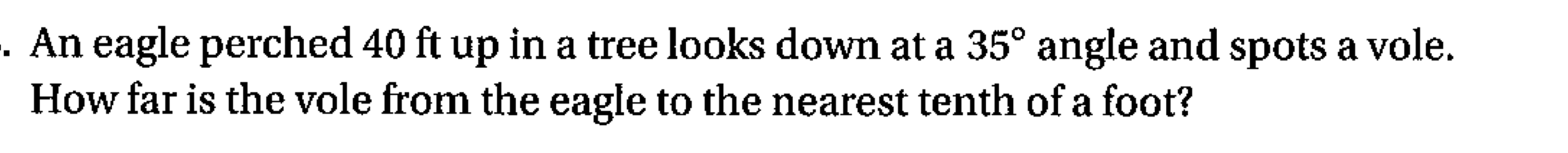
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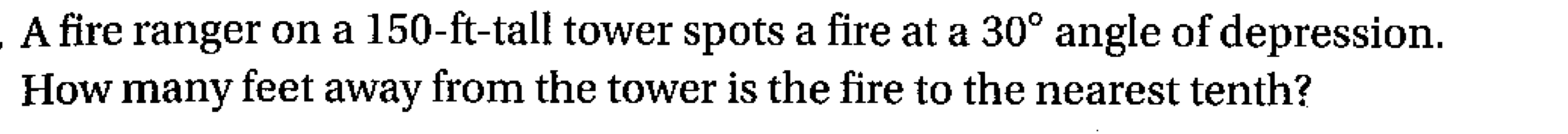
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Is the 48-degree angle an angle of depression or an angle of elevation? Solve for *x*.

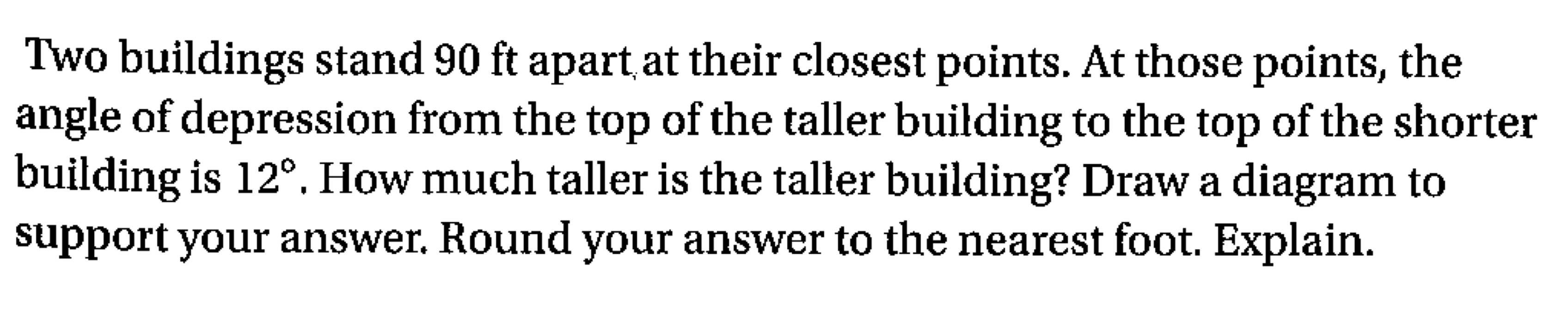
****

**FOUR: ANGLE OF DEPRESSION WORD PROBLEMS**

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CHALLENGE:

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**ANSWER KEY**

**ONE**

9. 13.93

10. 8.12

11. 5.98

12. 5.5

13. 4.6

14. 12.88

15. 6.2

16. 2.05

**TWO**

7. 68

8. 45

9. 38

10. 36

11. 37

12. 21

13. 39

14. 22

**THREE**

1. 92 feet

2. 11.8 feet, 2.1 feet

3. angle of depression, 59 feet

**FOUR**

1. 69.7 feet

2. 259.8 feet

3. 19 feet

**PARCC**

An archaeological team… 3600 meters

An unmanned aerial vehicle… Part A: 2000 meters, Part B: Part C: B, Part D: D